

**ORDINANCE NO. \_\_\_\_\_**

**AN ORDINANCE OF THE CITY OF PLANO, TEXAS; REPEALING CITY OF PLANO ORDINANCE NO. 2001-9-10 AND ORDINANCE NO. 2001-12-8 CODIFIED AS ARTICLE XIX, FUEL GAS CODE, OF CHAPTER 6 OF THE CODE OF ORDINANCES; ADOPTING THE 2003 EDITION OF THE INTERNATIONAL FUEL GAS CODE, WITH CERTAIN ADDITIONS, DELETIONS AND AMENDMENTS, AS THE FUEL GAS CODE OF THE CITY OF PLANO; AND PROVIDING A REPEALER CLAUSE, A SEVERABILITY CLAUSE, A SAVINGS CLAUSE, A PENALTY CLAUSE, AND AN EFFECTIVE DATE.**

**WHEREAS**, on September 10, 2001, by Ordinance No. 2001-9-10, the City Council of the city of Plano established a Fuel Gas Code and provided regulations thereunder, and such Ordinances were codified as Article XIX, Fuel Gas Code, of Chapter 6 of the Code of Ordinances of the City of Plano, (“City”); and

**WHEREAS**, on December 10, 2001, by Ordinance No. 2001-12-8, the City Council of the City of Plano amended the Fuel Gas Code Ordinance to correct typographical errors in Ordinance 2001-9-10, and

**WHEREAS**, on June 15, 2004, the Building Standards Commission held a public hearing to discuss the adoption of the 2003 Edition of the International Fuel Gas Code, a publication of the International Code Council (I.C.C.), along with the Appendices of such Code, and to receive input from the general public and all persons who may be affected by the proposed adoption; and

**WHEREAS**, upon recommendation of the Building Standards Commission and upon full review and consideration of all matters attendant and related thereto, the City Council is of the opinion that the 2003 Edition of the International Fuel Gas Code, along with the Appendices of such Code and the local amendments thereto, should be approved and adopted as the Fuel Gas Code of the City of Plano.

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PLANO, TEXAS, THAT:**

**Section I.** Ordinance No. 2001-9-10, duly passed and approved by the City Council of the City of Plano on September 10, 2001, and Ordinance No. 2001-12-8 duly passed and approved by the City Council of the City of Plano on December 10, 2001 is hereby repealed in its entirety.

**Section II.** A new Article XIX, Fuel Gas Code, of Chapter 6 of the Code of Ordinances is hereby adopted and shall read in its entirety as follows:

**Sec. 6-696 Penalty.**

Any person, firm or corporation found to be violating any term or provision of this Ordinance, shall be subject to a fine in accordance with Section 1-4(a) of the City Code of Ordinances for each offense. Every day a violation continues shall constitute a separate offense.

**Sec. 6-697 Adopted.**

The 2003 Edition of the International Fuel Gas Code, a publication of the International Code Council (I.C.C.), along with the Appendices of such Code, is hereby adopted and designated as the Fuel Gas Code of the City of Plano to the same extent as if such Code were copied verbatim in this Article, subject to deletions, additions, and amendments prescribed in this Article. A copy of the 2003 Edition of the International Fuel Gas Code is on file in the office of the City Secretary.

DIVISION 2. AMENDMENTS

**.Sec. 6-698. Deletions, additions, amendments.**

*Chapter 1 Administration*

*Section 102.2, Existing installations;* add an exception to read as follows:

Exception: Existing dwelling units shall comply with Section 620.2.

*Section 102.8, Referenced codes and standards;* is changed to read as follows:

The codes and standards referenced herein shall be those that are listed in Chapter 7 and such codes, when specifically adopted, and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and the referenced standards, the provisions of this code shall apply. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Any reference to NFPA 70 or the ICC *Electrical Code* shall mean the Electrical Code as adopted.

*Chapter 2, Definitions*

*Section 202, General Definitions;* amend definition of "Unvented Room Heater" to read as follows;

An unvented heating appliance designed for stationary installation and utilized to provide comfort heating. Such appliances provide radiant heat or convection heat by gravity or fan circulation directly from the heater and do not utilize ducts. For the purpose of installation, this definition shall also include "Unvented Decorative Appliances."

## Chapter 3, General Regulations

*Section 302.3, Cutting, notching and boring in wood members;* is changed to read as follows:

When permitted by the *International Building Code*, the cutting, notching and boring of wood members shall comply with Sections 302.3.1 through 302.3.3.

Section 304.10; change to read as follows:

304.10 Louvers and grilles. The required size of openings for combustion, ventilation and dilution air shall be based on the net free area of each opening. Where the free area through a design of louver or grille is known, it shall be used in calculating the size opening required to provide the free area specified. Where the design and free area are not known, it shall be assumed that wood louvers will have 25-percent free area and metal louvers and grilles will have 50-percent free area. Nonmotorized louvers and grilles shall be fixed in the open position. Motorized louvers shall be interlocked with the equipment so that they are proven to be in the full open position prior to main burner ignition and during main burner operation. Means shall be provided to prevent the main burner from igniting if the louvers fail to open during burner start-up and to shut down the main burner if the louvers close during operation.

Section 304.11; change Exception 8 to read as follows:

8. Combustion air intake openings located on the exterior of a building shall have the lowest side of such openings located not less than 12 inches (305 mm) vertically from the adjoining grade level or the manufacturer's recommendation, whichever is more stringent.

*Section 305.4, Private garages;* delete this section.

Section 305.7; change to read as follows:

305.7 Clearances from grade. Equipment and appliances installed at grade level shall be supported on a level concrete slab or other approved material extending a minimum of 3 inches (76 mm) above adjoining grade or shall be suspended a minimum of 6 inches (152 mm) above adjoining grade.

*Section 306.3, Appliances in attics;* is changed to read as follows:

Attics containing appliances requiring access shall be provided with an opening and unobstructed passageway large enough to allow removal of the largest component of the appliance. The passageway shall not be less than 30 inches (762 mm) high and 30 inches (762 mm) wide and not more than 20 feet (6069 mm) in length when measured along the centerline of the passageway from the opening to the equipment. The passageway shall

have continuous solid flooring not less than 24 inches (610 mm) wide. A level service space not less than 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present at the front or service side of the equipment. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions are not large enough to allow removal of the largest appliance. As a minimum, access to the attic space of residential uses shall be provided by one of the following:

1. A permanent stair.
2. A pull down stair.
3. An access door from an upper floor level.

**Exception:** The passageway and level service space are not required where the appliance is capable of being serviced and removed through the required opening.

Section 306.5; change to read as follows:

306.5 Equipment and appliances on roofs or elevated structures. Where equipment and appliances requiring access are installed on roofs or elevated structures at an aggregate height exceeding 16 feet (4877 mm), such access shall be provided by a permanent approved means of access. Permanent exterior ladders providing roof access need not extend closer than 8 feet (2438 mm) to the finish grade or floor level below and shall extend to the equipment and appliance's level service space. Such access shall not require climbing over obstructions greater than 30 inches high (762 mm) or walking on roofs having a slope greater than 4 units vertical in 12 units horizontal (33-percent slope).

A receptacle outlet shall be provided at or near the equipment and appliance location in accordance with the Electrical Code.

*Section 306.5.1.1, Catwalk;* Add section to read as follows:

On roofs having slopes greater than 4 units vertical in 12 units horizontal, a catwalk at least 16 inches in width with substantial cleats spaced not more than 16 inches apart shall be provided from the roof access to the working platform at the appliance.

*Section 306.7, Water heaters above ground or floor;* add section to read as follows:

When the attic, roof, mezzanine or platform in which a water heater is installed is more than eight (8) feet (2438 mm) above the ground or floor level, it shall be made accessible by a stairway or permanent ladder fastened to the building.

306.7.1. Whenever the mezzanine or platform is not adequately lighted or access to a receptacle outlet is not obtainable from the main level, lighting and a receptacle outlet shall be provided in accordance with Section 306.3.1.

*Section 401.5, Identifications*; add a second paragraph as follows:

Both ends of each section of medium pressure corrugated stainless steel tubing (CSST) shall identify its operating gas pressure with an approved tag. The tags are to be composed of aluminum or stainless steel and the following wording shall be stamped into the tag:

"WARNING  
1/2 to 5 psi gas pressure  
Do Not Remove"

*Section 402.3, Sizing*; add an exception to read as follows:

Exception: Corrugated stainless steel tubing (CSST) shall be a minimum of 1/2".

Section 404.6, Piping in solid floors; is changed to read as follows:

Piping in solid floors shall be laid in channels in the floor and covered in a manner that will allow access to the piping with a minimum amount of damage to the building. Where such piping is subject to exposure to excessive moisture or corrosive substances, the piping shall be protected in an approved manner. As an alternative to installation in channels, the piping shall be installed in accordance with Section 404.11.

*Section 404.9, Minimum burial depth*; is changed to read as follows:

Underground piping systems shall be installed a minimum depth of 18 inches (458 mm) below grade.

*Section 404.9.1, Individual outside appliances*; is hereby deleted in its entirety.

406.4 Test pressure measurement. Test pressure shall be measured with a monometer or with a pressure-measuring device designed and calibrated to read, record, or indicate a pressure loss caused by leakage during the pressure test period. The source of pressure shall be isolated before the pressure tests are made. For tests requiring a pressure of 3 psig, mechanical gauges shall utilize a dial with a minimum diameter of three and one half inches (3 1/2"), a set hand, 1/10 pound incrementation and pressure range not to exceed 6 psi for tests requiring a pressure of 3 psig. For tests requiring a pressure of 10 psig, mechanical gauges shall utilize a dial with a minimum diameter of three and one-half inches (3 1/2"), a set hand, a minimum of 2/10 pound incrementation and a pressure range not to exceed 20 psi.

*Section 406.4.1; change to read as follows:*

406.4.1 Test pressure. The test pressure to be used shall be not less than 3 psig (20 kPa gauge), or at the discretion of the Code Official, the piping and valves may be tested at a

pressure of at least six (6) inches (152 mm) of mercury, measured with a manometer or slope gauge. For welded piping, and for piping carrying gas at pressures in excess of fourteen (14) inches water column pressure (3.48 kPa) (1/2 psi) and less than 200 inches of water column pressure (52.2 kPa) (7.5 psi), the test pressure shall not be less than ten (10) pounds per square inch (69.6 kPa). For piping carrying gas at a pressure that exceeds 200 inches of water column (52.2 kPa) (7.5 psi), the test pressure shall be not less than one and one-half times the proposed maximum working pressure.

*Section 406.4.2, Test duration;* is changed to read as follows:

Test duration shall be held for a length of time satisfactory to the Code Official, but in no case for less than fifteen (15) minutes. For welded piping, and for piping carrying gas at pressures in excess of fourteen (14) inches water column pressure (3.48 kPa), the test duration shall be held for a length of time satisfactory to the Code Official, but in no case for less than thirty (30) minutes.

*Section 409.1.4, Valves in CSST installations;* add section to read as follows:

Shutoff valves installed with corrugated stainless steel (CSST) piping systems shall be supported with an approved termination fitting, or equivalent support, suitable for the size of the valves, of adequate strength and quality, and located at intervals so as to prevent or damp out excessive vibration but in no case greater than 12-inches from the center of the valve. Supports shall be installed so as not to interfere with the free expansion and contraction of the system's piping, fittings, and valves between anchors. All valves and supports shall be designed and installed so they will not be disengaged by movement of the supporting piping.

*Section 410.1, Pressure regulators;* add a second paragraph and exception to read as follows:

Access to regulators shall comply with the requirements for access to appliances as specified in Section 306.

**Exception:** A passageway or level service space is not required when the regulator is capable of being serviced and removed through the required attic opening.

## Chapter 6, Specific Appliances

*Section 613.6, Domestic clothes dryer ducts;* add a sentence to read as follows:

The size of duct shall not be reduced along its developed length nor at the point of termination.

*Section 614.6.1, Maximum length;* is changed to read as follows:

The maximum length of a clothes dryer exhaust duct shall not exceed 25 feet (7620 mm) from the dryer location to the outlet terminal with not more than two bends. When extra bends are installed, the maximum length of the duct shall be reduced 2.5 feet (762 mm) for each 45-degree (0.79 rad) bend and 5 feet (1524 mm) for each 90-degree (1.6 rad) bend that occur after the first two bends, measuring in the direction of airflow.

*Section 621.2, Prohibited use;* is changed to read as follows:

One or more unvented room heaters shall not be used as the sole source of comfort heating in a dwelling unit.

**Exception:** Existing approved unvented heaters may continue to be used in dwelling units, in accordance with the code provisions in effect when installed, when approved by the Code Official unless an unsafe condition is determined to exist as described in Section 108.7.

*Section 624.1.1, Installation requirements;* is changed to read as follows:

The requirements for water heaters relative to access, sizing, relief valves, drain pans and scald protection shall be in accordance with the *International Plumbing Code*.

**Section III.** All provisions of the Code of Ordinances of the City of Plano in conflict with the provisions of this Ordinance are hereby repealed, and all other provisions of the Code of Ordinances of the City of Plano, not in conflict with the provisions of this Ordinance, shall remain in full force and effect.

**Section IV.** It is the intention of the City Council that this Ordinance, and every provision thereof, shall be considered severable, and the invalidity or unconstitutionality of any section, clause, provision or portion of this Ordinance shall not affect the validity or constitutionality of any other portion of this Ordinance.

**Section V.** The repeal of any Ordinance or part of Ordinances effectuated by the enactment of this Ordinance shall not be construed as abandoning any action now pending under or by virtue of such Ordinance or as discontinuing, abating, modifying or altering any penalty accruing or to accrue, or as affecting any rights of the municipality under any section or provisions of any Ordinances at the time of passage of this Ordinance.

**Section VI.** Any person, firm or corporation found to be violating any term or provision of this Ordinance, shall be subject to a fine in accordance with Section 1-4(a) of the City Code of Ordinances for each offense. Every day a violation continues shall constitute a separate offense..

**Section VII.** This Ordinance shall become effective from and after its passage and publication as required by law.

**DULY PASSED AND APPROVED** this, the \_\_\_\_\_ day of \_\_\_\_\_,  
2004.

\_\_\_\_\_  
Pat Evans, MAYOR

ATTEST:

\_\_\_\_\_  
Elaine Bealke, CITY SECRETARY

APPROVED AS TO FORM:

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Diane C. Wetherbee, CITY ATTORNEY